

ABSTRACT

Method and arrangement for deciding the direction to a flickering source in relation to a measurement point in an electrical network with alternating current with a network frequency with low-frequency amplitude variations from the flickering source.

The method includes the steps:

- recording an amplitude-modulated current signal having signals that originate from the network frequency and the low-frequency amplitude variations in the current signal;
- recording an amplitude-modulated voltage signal having signals that originate from the network frequency and the low-frequency amplitude variations in the voltage signal;
- creating a flicker power with a sign value by multiplication of the low-frequency amplitude variations in the current signal and the low-frequency amplitude variations in the voltage signal, and
- analyzing the sign value, with the sign value indicating in which direction the flickering source is to be found in relation to the measurement point.